IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of PE vc.							
Günter SCHMIDT et al. (GT 1 2 2000) Group Art Unit: 1655							
Application							
Filed: Se	ptember 9, 1999						
For: N	UCLEIC ACID SEQUENCING)						
			RECEIVED				
	OCT 17 2000						
Assistant Commissioner for Patents Washington, D.C. 20231 TECH CENTER 1600/2900							
Sir:							
Enclosed is an Amendment and Reply for the above-identified patent application.							
[]	A Petition for Extension of Time is also enclosed.						
[]	A Terminal Disclaimer and a check for [] \$55.00 (248) [] \$110.00 (148) to cover the requisite Government fee are also enclosed.						
[]	Also enclosed is						
[]	Small entity status is hereby claimed.						
[]	Applicant(s) request continued examination under 37 C.F.R. § 1.114 and enclose the[] \$355.00 (279) [] \$710.00 (179) fee due under 37 C.F.R. § 1.17(e).						
	[] Applicant(s) previously submitted, requested.	on, for which continued ex	amination is				
[]	A Request for Entry and Consideration of Submission under 37 C.F.R. § 1.129(a) (146/246) is also enclosed.						
[X]	No additional claim fee is required.						

Amendment and Reply Transmittal Letter
Application No. 09/341,641
Attorney's Docket No. 020600-280
Page 2

[] An additional claim fee is required, and is calculated as shown below:

AMENDED CLAIMS							
	No. Of CLAIMS	HIGHEST NO. OF CLAIMS PREVIOUSLY PAID FOR	Extra Claims	RATE	ADDT'L FEE		
Total Claims	19	MINUS 20 =		× \$18.00 (103) =			
Independent Claims	2	MINUS 3 =		× \$80.00 (102) =			
If Amendment adds mu							
Total Amendment Fee							
If small entity status is							
TOTAL ADDITIONA	\$0.00						

[]	A claim fee in th	e amount of \$	is	enclosed.
[3	Charge \$	to Deposit Account N	o.	02-4800.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17, 1.20(d) and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted

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By: _______ Reresa Stanek Rea

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Date: October 12, 2000

#8/B 12-19-00 10-19-00

Attorney's Docket No. 020600-280

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Günter SCHMIDT et al.

Application No.: 09/341,641

Filing Date: September 9, 1999

For: NUCLEIC ACID SEQUENCING

Group Art Unit: 1655

Examiner: A. Chakrabarti

AMENDMENT AND REPLY

RECEIVED

Assistant Commissioner for Patents Washington, D.C. 20231

OCT 17 2000

Sir:

TECH CENTER 1600/2800

In response to the Official Action mailed on July 12, 2000, please amend the application as indicated.

IN THE CLAIMS:

Please cancel claim 40 without prejudice or disclaimer of the subject matter recited therein.

Please amend claims 33 and 36 as follows:

33. (Amended) A kit for sequencing a plurality of DNA templates, each present in a unique amount in the same reaction zone, which kit comprises:

(a) an array of hybridization probes, each probe comprising a label cleavably

attached to a/known base sequence of predetermined length, the array